

ABSTRACT

This invention relates to a method, system and the computer readable program product wherein the least loaded boot server is prioritized for service by a single DHCP/PXE server by maintaining a boot server allocation table (SAT) containing the existing client load count for each boot server, maintaining a client allocation table (CAT) associating each client IP address with the corresponding boot server IP address, prioritizing the boot servers by sorting said SAT in order of increasing load count whenever it is updated and providing the IP address of the boot servers in the sequence of their listing in said SAT for access whenever a client requests the DHCP.

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